



VIA HAND DELIVERY JULY 10, 2003

Docket No.: PF112U1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Alderson et al.

Application No.: 09/499,468

Group Art Unit: 1647

Filed: February 7, 2000

Examiner: R. Landsman

For: Use of Vascular Endothelial Growth Factor 2 to  
Treat Photoreceptor Cells (as amended)

**SUBMISSION OF SUBSTITUTE/REPLACEMENT DRAWINGS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

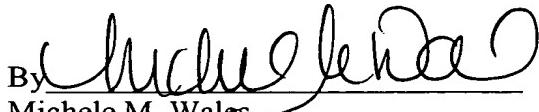
Dear Sir:

In response to the Notice of Draftsperson's Patent Drawing Review, Applicants submit herewith thirty-eight (38) sheets of replacement formal drawings of Figures 1A-1E, 2A-2D, 3A-3B, 4-7, 8A-8B, 9-13, 14A-14D, 15, 16A-16C, 17A-17B, 18A-18C, 19A-19C, 20A-20B, 21A-C, and 22-25 to replace the originally filed informal drawings of Figures 1A-1E, 2A-2D, 3A-3B, 4-7, 8A-8B, and 9-25.

No fee is believed due for this submission. However, should the Patent Office determine otherwise, please charge any required fees to Applicants' Deposit Account No. 08-3425.

Dated: July 10, 2003

Respectfully submitted,

By   
Michele M. Wales  
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Enclosures  
MW/lcc



PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 290.00)

Complete if Known	
Application Number	09/499,468-Conf. #1320
Filing Date	February 7, 2000
First Named Inventor	Ralph Alderson
Examiner Name	R. Landsman
Art Unit	1647
Attorney Docket No.	PF112U1

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None  
 Deposit Account

Deposit Account Number 08-3425

Deposit Account Name Human Genome Sciences, Inc.

The Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

#### Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>				(\$ 0.00)	

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-** =	Extra Claims	Fee from below	Fee Paid
Independent Claims	-** =			
Multiple Dependent	-** =			

#### Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>				(\$ 0.00)

\*\* or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath	
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053 130 Non-English specification	
1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
1251	110	2251 55 Extension for reply within first month	110.00
1252	410	2252 205 Extension for reply within second month	
1253	930	2253 465 Extension for reply within third month	
1254	1,450	2254 725 Extension for reply within fourth month	
1255	1,970	2255 985 Extension for reply within fifth month	
1401	320	2401 160 Notice of Appeal	
1402	320	2402 160 Filing a brief in support of an appeal	
1403	280	2403 140 Request for oral hearing	
1451	1,510	1451 1,510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive - unavoidable	
1453	1,300	2453 650 Petition to revive - unintentional	
1501	1,300	2501 650 Utility issue fee (or reissue)	
1502	470	2502 235 Design issue fee	
1503	630	2503 315 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806 180 Submission of Information Disclosure Stmt	180.00
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
1809	750	2809 375 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810 375 For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801 375 Request for Continued Examination (RCE)	
1802	900	1802 900 Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
<b>SUBTOTAL (3)</b>			
(\$ 290.00)			

\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** (\$ 290.00)

SUBMITTED BY						Complete (if applicable)	
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Signature	<i>Michele M. Wales</i>			Date	July 10, 2003		

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